Special Issue

Applications of Artificial Intelligence in Orthopedics

Message from the Guest Editor

This Special Issue focuses specifically on the role of AI in advancing medical diagnosis within the orthopedic field. It explores how AI technologies are being utilized to enhance the accuracy and efficiency of diagnostic processes, ultimately leading to better patient outcomes. Key areas of emphasis include AI-driven image analysis techniques that automatically detect and classify orthopedic abnormalities in imaging studies such as X-rays, MRIs, and CT scans. These technologies transform the diagnostic landscape by providing clinicians with rapid, reliable, and consistent results. Additionally, the special issue delves into predictive modeling using AI algorithms, which can predict disease progression and patient outcomes based on individual patient data. This information can be invaluable in guiding treatment decisions and ensuring that patients receive the most appropriate care.

Guest Editor

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Deadline for manuscript submissions

31 October 2025

Diagnostics

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed

mdpi.com/si/236524

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